IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NUCLEIC ACII	O AND AMINO AC	ID SEQUENCES RELATING TO	M. CA	TARRH	ALIS	FOF	<u> </u>	
DIAGNOSTICS	AND THERAPEU	TICS						
the specification of which	(check one)							
[] is attached heret	o.							
[X] was filed on Ap	ril 4, 2000	as United States Application	on					
Number or PCT	International Applic	ation No. 09/540,236						
and was amende	d on	(if applicable).	9					
I hereby state the including the claims, as a		nd understand the contents of the ab	ove-ide	ntified	spec	ificat	ion,	
I acknowledge the defined in 37 C.F.R. §1.5	ne duty to disclose in 6.	formation which is known by me to	be mai	terial to	pate	entabi	lity as	S
for patent or inventor's ce country other than the Un	rtificate or 365(a) of ited States of Americ r patent or inventor's	ts under 35 U.S.C. 119(a)-(d) or 36 any PCT international application ca, listed below and have also identicate, or of any PCT internationally is claimed:	which d ified be	lesigna low, by	ted a	t leas cking	t one the b	ox,
	<u>P1</u>	rior Foreign Application(s)	Ŋ	ority Vot nimed		Certi Copy ES	ified Filed N	
(Number)	(Country)	(Day/Month/Year filed)	[]	[j	[]
(Number)	(Country)	(Day/Month/Year filed)	[j	[]	[]
Number)	(Country)	(Day/Month/Year filed)	_ /[]	[]	[]
hereby claim the benefit	under 35 U.S.C. §11	19(e) of any United States provision April 9, 1999	ial appl	ication	(s) lis	sted b	elow.	· .
(Application Number)		(Filing Date)						
(Application Number)	· · · · · · · · · · · · · · · · · · ·	(Filing Date)						

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

or first inventor Gary L. Breton Inventor's Signature July 7 Residence Date 62/23/01 Residence Marlboro, Massachusetts 01752	•				
(Application Serial No.) (Filing date) (Status: patented, pending, abandoned) As a named inventor, I hereby appoint the attorneys and/or agents associated with Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799 Customer No. 21005, and Nina L. Pearlmutter, Reg. No. 35, 639; Robert Spadafora, Reg. No. 46,197; both of Genome Therapeutics Corporation, 100 Beaver Street, Waltham, Massachusetts, 02453-8443 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please send correspondence to: [X] Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 or [] Address as follows: Direct telephone calls to: Doreen M. Hogle, Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Doreen M. Hogle, Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature AGIN ARIBOUL STATE OF ARIBOUL S	(Application Serial No.)		(Filing date)	. ((Status: patented, pending, abandoned)
(Application Serial No.) (Filing date) (Status: patented, pending, abandoned) As a named inventor, I hereby appoint the attorneys and/or agents associated with Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799 Customer No. 21005, and Nina L. Pearlmutter, Reg. No. 35, 639; Robert Spadafora, Reg. No. 46,197; both of Genome Therapeutics Corporation, 100 Beaver Street, Waltham, Massachusetts, 02453-8443 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please send correspondence to: [X] Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 or [] Address as follows: Direct telephone calls to: Doreen M. Hogle, Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Doreen M. Hogle, Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature AGIN ARIBOUL STATE OF ARIBOUL S			- (7)		
As a named inventor, I hereby appoint the attorneys and/or agents associated with Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799 Customer No. 21005, and Nina L. Pearlmutter, Reg. No. 35, 639; Robert Spadafora, Reg. No. 46, 197; both of Genome Therapeutics Corporation, 100 Beaver Street, Waltham, Massachusetts, 02453-8443 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please send correspondence to: [X] Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 or [] Address as follows: Direct telephone calls to: Doreen M. Hogle, Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Doreen M. Hogle, Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature Activity Sugaration Marlboro, Massachusetts 01752 Citizenship United States	(Application Serial No.)	i	(Filing date)	. ((Status: patented, pending, abandoned)
As a named inventor, I hereby appoint the attorneys and/or agents associated with Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799 Customer No. 21005, and Nina L. Pearlmutter, Reg. No. 35, 639; Robert Spadafora, Reg. No. 46, 197; both of Genome Therapeutics Corporation, 100 Beaver Street, Waltham, Massachusetts, 02453-8443 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please send correspondence to: [X] Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 or [] Address as follows: Direct telephone calls to: Doreen M. Hogle, Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Doreen M. Hogle, Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature Activity Sugaration Marlboro, Massachusetts 01752 Citizenship United States	/A - 1'ti Ci-1 NY-)		(Eiling data)	· · · · · · · · · · · · · · · · · · ·	(Status natarted nanding shandaned)
Hamilton, Brook, Smith & Reynolds, F.C., Two Militia Drive, Lexington, Massachusetts 02421-4799 Customer No. 21005, and Nina L. Pearlmutter, Reg. No. 35, 639; Robert Spadafora, Reg. No. 46,197; both of Genome Therapeutics Corporation, 100 Beaver Street, Waltham, Massachusetts, 02453-8443 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please send correspondence to: [X] Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 or [] Address as follows: Direct telephone calls to: Doreen M. Hogle, Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Doreen M. Hogle, Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature Mariboro, Massachusetts 01752 Citizenship United States	(Application Serial No.)	! <u>-</u>	(Filing date)	. ((Status: patented, pending, abandoned)
Nina L. Pearlmutter, Reg. No. 35, 639; Robert Spadafora, Reg. No. 46,197; both of Genome Therapeutics Corporation, 100 Beaver Street, Waltham, Massachusetts, 02453-8443 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please send correspondence to: [X] Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 or [] Address as follows: Direct telephone calls to: Doreen M. Hogle, Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Doreen M. Hogle, Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature Marlboro, Massachusetts 01752 Citizenship United States	Hamilton, Brook, Smit	h & Reyno	eby appoint the attorn lds, P.C., Two Militi	eys and/or a Drive, L	agents associated with exington, Massachusetts 02421-4799
Nina L. Pearlmutter, Reg. No. 35, 639; Robert Spadafora, Reg. No. 46,197; both of Genome Therapeutics Corporation, 100 Beaver Street, Waltham, Massachusetts, 02453-8443 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please send correspondence to: [X] Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 or [] Address as follows: Direct telephone calls to: Doreen M. Hogle, Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Doreen M. Hogle, Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature Marlboro, Massachusetts 01752 Citizenship United States	and			٠,٠	•
Please send correspondence to: [X] Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 or [] Address as follows: Direct telephone calls to: Doreen M. Hogle. Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Doreen M. Hogle. Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature Gary L. Breton Marlboro, Massachusetts 01752 Citizenship United States Citizenship United States	Nina L. Pearlmutter, Re Corporation, 100 Beave	g. No. 35, 6 r Street, Wa	39; Robert Spadafora altham, Massachusetts	, Reg. No. 4 , 02453-84	46,197; both of Genome Therapeutics
X Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 Or [] Address as follows: Doreen M. Hogle, Esq. Telephone No.: 781-861-6240 Direct telephone calls to: Doreen M. Hogle, Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Date 102/22/01	to prosecute this applica	tion and to	transact all business ir	1 the Patent	it and Trademark Office connected therewith.
X Customer No. 21005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 Or [] Address as follows: Doreen M. Hogle. Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Doreen M. Hogle. Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Date 1/2	Please send corresp	ondence to	:		
HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington, MA 02421-4799 or [] Address as follows: Direct telephone calls to: Doreen M. Hogle, Esq. Telephone No.: 781-861-6240 Direct facsimiles to: Doreen M. Hogle, Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton					
Direct facsimiles to: Doreen M. Hogle, Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature Date 15 Anton CD Marlboro, Massachusetts 01752 Citizenship United States			Lexington, MA 024	21-4799	
Direct facsimiles to: Doreen M. Hogle, Esq. Facsimile No.: 781-861-9540 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature Gary L. Breton Marlboro, Massachusetts 01752 Citizenship United States	Direct talenhan	o oollo to:	Dorgon M. Hogle En		Telephone No. 781 861 6240
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature Marlboro, Massachusetts 01752 Citizenship United States					
on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first inventor Gary L. Breton Inventor's Signature Hay T Button Date 2/23/01 A6 Hindreth Street Marlboro, Massachusetts 01752 Citizenship United States	Direct facsimile	es to:	Doreen M. Hogle, Es	<u>q.</u>	Facsimile No.: 781-861-9540
or first inventor Gary L. Breton Inventor's Signature Gary L. Breton Residence 46 Hilloreth Street B 15 Attack P.D Marlboro, Massachusetts 01752 Citizenship United States	on information and belie that willful false stateme 1001 of Title 18 of the U	of are believents and the United State	ed to be true; and furt like so made are punis	her that the shable by fi	ese statements were made with the knowledge fine or imprisonment, or both, under Section
Inventor's Signature	application of any paten	t issued thei	eon.		
Residence 46 Hildreth Street 48 15 AHARW RD Marlboro, Massachusetts 01752 Citizenship United States		t issued thei	reon.		,
Residence 46 Hillereth Street 15 15 Airon RD Marlboro, Massachusetts 01752 Citizenship United States	Full name of sole		reon.		
Citizenship United States	Full name of sole or first inventor		Breton	· · · · · · · · · · · · · · · · · · ·	Date _ 62/23/01
•	Full name of sole or first inventor Inventor's Signature	Gary L.]	Breton 1 Rule 1 Mg 02 [25]	(a)	
Post Office AddressSame	Full name of sole or first inventor Inventor's Signature	Gary L. I	Breton Breton	(or	
	Full name of sole	Gary L. 1 Hary 46 Hilder Marlbore	Breton 7 Relon ettr Street 43 02 12 5 AH o, Massachusetts 017	(or	

PATENT APPLICATION Attorney's Docket No.: PATH03-14

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Gary L. Breton

Application No.:

Filed:

June 12, 2003

For:

NUCLEIC ACID AND AMINO ACID SEQUENCES.

RELATING TO M. CATARRHALIS FOR DIAGNOSTICS

AND THERAPEUTICS

Date:

June 24, 2003

EXPRESS MAIL LABEL NO. EL 442001382 US

REVOCATION OF POWERS OF ATTORNEY AND APPOINTMENT OF NEW ATTORNEYS AND/OR AGENTS

Assistant Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313

Sir:

Genome Therapeutics Corporation, a Corporation duly organized under the laws of the Commonwealth of Massachusetts, is the assignee of the entire right, title and interest in the above-identified divisional application. Genome Therapeutics Corporation hereby appoints the attorneys and/or agents associated with

Nina L. Pearlmutter, Registration No.: 35,639

Robert L. Spadafora, Jr., Registration No.: 46,197

Genome Therapeutics Corporation

100 Beaver Street

Waltham, Massachusetts 02453

to prosecute the above-identified application and any divisions or continuations thereof and to conduct all business in the United States Patent and Trademark Office. All previously granted Powers of Attorney are hereby revoked.

Statement under 37 C.F.R. §3.73(b) is submitted herewith.

All correspondence should be sent to Robert L. Spadafora, Genome Therapeutics Corporation, 100 Beaver Street, Waltham, Massachusetts 02453. Please direct all telephone calls to Robert L. Spadafora, 781-398-2300 and all facsimile communication to 781-398-2530.

Respectfully submitted,

GENOME THERAFEUTICS CORPORATION

Robert L. Spadafora Registration No. 46,197

Telephone (781) 398-2300

Facsimile (781) 398-2530

Waltham, Massachusetts 02453

Dated:

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Genome Therapeutics Corporation
Application No./Patent No.: Divisional of 09/540,236
Entitled: Nucleic Acid and Amino Acid Sequences Relating to M. catarrhalis for
Diagnostics and Therapeutics
Genome Therapeutics Corporation, a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that it is: [X] the assignee of the entire right, title, and interest; or [] an assignee of less than the entire right, title and interest The extent (by, percentage) of its ownership is%
in the patent application/patent identified above by virtue of either:
A [X] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel <u>012046</u> , Frame <u>0810</u> , or for which a copy thereof is attached. OR
B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:
1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 2. From: To:
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
3. From: To:
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
[] Additional documents in the chain of title are listed on a supplemental sheet.
[] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.
Date Nina L. Pearlmutter Nina L. Pearlmutter Signature
Director of Intellectual Property
이 그는 사람들이 되는 것이 되는 것이 되는 것이 얼마를 하는 것이 없는데 모든 것이 없는데 되었다.